I hereby certify that this paper (along with any Service on the date shown below with sufficie Box 1450, Alexandria, VA 22313-1450.	paper referred to as being attached or enclosed) is being deposited with the U.S. Postal nt postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O.
Dated:	Signature: (David A. Gass)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE <u>DECLARATION FOR PATENT APPLICATION</u>

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

### FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:



I hereby claim priority benefits under Title 35, United States Code §119(e), of any United
States provisional patent application(s) listed below:

no such U.S. provisional applications have been filed.

x such U.S. provisional application have been filed as follows:

Application Number	Application Number Date of Filing (dd/mm/yyyy)	
60/219,795	July 19, 2000	x Yes No
60/275,251	March 12, 2001	x Yes No

# CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

no	such	U.S./P	CT	applic	ations	have	been	filed.	

x such U.S./PCT application have been filed as follows:

Application Number	Date of Filing
09/908,943	July 19, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Full name of sole or first inventor		
Riqiang Yan		
Sole or first inventor's signature	When	Date Dec 28, 2007
Residence		
Pepper Pike, Ohio		
Citizenship US		
Mailing Address		
3450 Courtland Road		
Pepper Pike, Ohio 44122		
Full name of second inventor, if any Alfredo G. Tomasselli		
Second inventor's signature		Date
Second involted 5 Signature		
Residence		
Wildwood, Missouri		
Citizenship US		
Mailing Address		
1540 Garden Valley Drive		
Wildwood, Missouri 63038		
Full name of third inventor, if any		
Mark E. Gurney		Date
Third inventor's signature		, Dance ,
Residence		
Grand Rapids, Michigan		
Citizenship US		
Mailing Address		
010 Posswood Avenue CD		
910 Rosewood Avenue SE Grand Rapids, Michigan 4950	)6	
Timping, miningan 1950		
Full name of fourth inventor, if any		
Thomas L. Emmons		
Fourth inventor's signature		Date
Residence		
Wentzville, Missouri		
Citizenship US		
Mailing Address		
2260 Autumn Trace Parkway		
Wentzville, Missouri 63385		

Full name of fifth inventor, if any	
Michael Jerome Bienkowski	
Fifth inventor's signature	Date
Residence	
Ballwin, Missouri	
Citizenship US	
Mailing Address	
1105 V D U ' O 1 D '	
1125 New Ballwin Oaks Drive	
Ballwin, Missouri 63021	
Full name of sixth inventor, if any	
Robert L. Heinrikson	
Sixth inventor's signature	Date
Residence	
Plainwell, Michigan	
Citizenship US	
Mailing Address	
81 South Lake Doster Drive	
Plainwell, Michigan 49080	

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Dated:	Signature:	(David A. Gass)	

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

#### FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United	ed
States provisional patent application(s) listed below:	-

no such U.S. provisional applications have been filed.

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing (dd/mm/yyyy)	Priority Claimed Under 35 USC 119
60/219,795	July 19, 2000	x Yes No
60/275,251	March 12, 2001	x Yes No

## CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

	no such	U.S./PCT	applications	have	been	filed.
--	---------	----------	--------------	------	------	--------

x such U.S./PCT application have been filed as follows:

Application Number	Date of Filing
09/908,943	July 19, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Full name of sole or first inventor		
Riqiang Yan		
Sole or first inventor's signature	Date	
Residence		
Pepper Pike, Ohio		
Citizenship US		
Mailing Address		
3450 Courtland Road		
Pepper Pike, Ohio 44122		
Full name of second inventor, if any		
Alfredo G. Tomasselli		
Second inventor's signature	Date	
		~/7
Residence	January 05, 20,	08
Wildwood, Missouri	Þ	
Citizenship US		
Mailing Address		
Training Produces		
1540 Garden Valley Drive		
Wildwood, Missouri 63038		
Full name of third inventor, if any		. 1
Mark E. Gurney		- : .:
Third inventor's signature	Date	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Residence		
Grand Rapids, Michigan		
Citizenship US		
Mailing Address		
910 Rosewood Avenue SE		
Grand Rapids, Michigan 49506		
Samu Aupaus, managan 1900		
		****
Full name of fourth inventor, if any		
Thomas L. Emmons		
Fourth inventor's signature	Date	
Residence		
Wentzville, Missouri		
Citizenship US		
Mailing Address		
2260 Autumn Trace Parkway		
Wentzville, Missouri 63385		

## DECLARATION AND POWER OF ATTORNEY Attorney Docket No.: 29915/00281EUS

Full name of fifth inventor, if any	
Michael Jerome Bienkowski	
Fifth inventor's signature	Date
Residence	
Ballwin, Missouri	
Citizenship US	
Mailing Address	
1125 New Ballwin Oaks Drive	
Ballwin, Missouri 63021	
Full name of sixth inventor, if any	
Robert L. Heinrikson	<b>Y</b>
Sixth inventor's signature	Date
Residence	
Plainwell, Michigan	
Citizenship US	
Mailing Address	
81 South Lake Doster Drive	
Plainwell, Michigan 49080	
1	

I hereby certify that this paper (along with an Service on the date shown below with sufficient Box 1450, Alexandria, VA 22313-1450.	y paper referred to as being atta ent postage as First Class Mail,	iched or enclosed) is being deposited with the U.S. Postal in an envelope addressed to: Commissioner for Patents, P.O.
Dated:	Signature:	(David A. Gass)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

#### FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

-	laim priority benefits und visional patent application		s Code §119(e), of any Unite	ed
no s	uch U.S. provisional appl	ications have been filed.		
x such	U.S. provisional applicat	ion have been filed as fo	llows:	
	Application Number	Date of Filing (dd/mm/yyyy)	Priority Claimed Under 35 USC 119	
	60/219,795	July 19, 2000	x Yes No	
	60/275 251	Manufa 12, 2001	v Vec No	

### CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by

the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose
all information that is material to patentability in accordance with Title 37, Code of Federal
Regulations, §1.56 which became available to me between the filing date of the prior
application and the national or PCT international filing date of this application:
no such U.S./PCT applications have been filed.
x such U.S./PCT application have been filed as follows:

Application Number	Date of Filing
09/908,943	July 19, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Full name of sole or first inventor	
Riqiang Yan	Date
Sole or first inventor's signature	
Residence	
Pepper Pike, Ohio	
Citizenship US	
Mailing Address	
3450 Courtland Road	
Pepper Pike, Ohio 44122	
*	
Full name of second inventor, if any	
Alfredo G. Tomasselli Second inventor's signature	Date
occond inventor a argumente	
Residence	
Wildwood, Missouri	
Citizenship US	
Mailing Address	
1540 Garden Valley Drive	
Wildwood, Missouri 63038	
,	
Full name of third inventor, if any	
Mark E. Gurney Third inventor's signature	Date
Third inventor's signature  E. GJ/	Dec 30 2007
Residence	
Grand Rapids, Michigan	
Citizenship US	
Mailing Address	
910 Rosewood Avenue SE	
Grand Rapids, Michigan 49506	
Clause Leaphoon, Linear Comments	
Full name of fourth inventor, if any	
Thomas L. Emmons	Date
Fourth inventor's signature	Daic
Residence	
Wentzville, Missouri	
Citizenship US	
Mailing Address	
2260 Autumn Trace Parkway	
Wentzville, Missouri 63385	

Full name of fifth inventor, if any	
Michael Jerome Bienkowski	
Fifth inventor's signature	Date
Residence	
Ballwin, Missouri	
Citizenship US	
Mailing Address	
1125 New Ballwin Oaks Drive	
Ballwin, Missouri 63021	
E. H. C. A. i if and	
Full name of sixth inventor, if any	
Robert L. Heinrikson	Date
Sixth inventor's signature	Date
D. There	
Residence Plainwell Michigan	
Plainwell, Michigan	
Citizenship US	
Mailing Address	
Of C. d. I. J. Dester Drive	
81 South Lake Doster Drive	
Plainwell, Michigan 49080	

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.		
Dated:	Signature:	(David A. Gass)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE <u>DECLARATION FOR PATENT APPLICATION</u>

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

#### FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

I hereby claim priority benefits under Title 35, United States Code §119(e), of any Unit	ted
States provisional patent application(s) listed below:	

no such U.S. provisional applications have been filed.

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing (dd/mm/yyyy)	Priority Claimed Under 35 USC 119
60/219,795	July 19, 2000	x Yes No
60/275,251	March 12, 2001	x Yes No

## CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

no such	U.S./PCT	applications	have	been	filed.

x such U.S./PCT application have been filed as follows:

Application Number	Date of Filing
09/908,943	July 19, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Full name of sole or first inventor	
Riqiang Yan	
Sole or first inventor's signature	Date
Residence	
Pepper Pike, Ohio	
Citizenship US	
Mailing Address	
3450 Courtland Road	
Pepper Pike, Ohio 44122	
Full name of second inventor, if any Alfredo G. Tomasselli	
Second inventor's signature	Date
Second III one of Signature	
Residence	
Wildwood, Missouri	
Citizenship US	
Mailing Address	
1540 Garden Valley Drive	
Wildwood, Missouri 63038	
· · · · · · · · · · · · · · · · · · ·	
Full name of third inventor, if any	Y 4
Mark E. Gurney Third inventor's signature	Date
Time inventor's signature	Date
Residence	<u> </u>
Grand Rapids, Michigan	
Citizenship US	
Mailing Address	
010 D 1 A CF	
910 Rosewood Avenue SE Grand Rapids, Michigan 49506	
Grand Rapids, Michigan 49300	
Full name of fourth inventor, if any	
Thomas L. Emmons	
Fourth inventor's signature	Date
Residence Residence	for. 7, 2008
Wentzville, Missouri	
Citizenship US	
Mailing Address	
2260 Autumn Trace Parkway	
Wentzville, Missouri 63385	

## DECLARATION AND POWER OF ATTORNEY Attorney Docket No.: 29915/00281EUS

Full name of fifth inventor, if any	
Michael Jerome Bienkowski	
Fifth inventor's signature	Date
Residence	
Ballwin, Missouri	
Citizenship US	
Mailing Address	
1125 New Ballwin Oaks Drive	
Ballwin, Missouri 63021	
Full name of sixth inventor, if any	
Robert L. Heinrikson	
Sixth inventor's signature	Date
Residence	
Plainwell, Michigan	
Citizenship US	
Mailing Address	
81 South Lake Doster Drive	
Plainwell, Michigan 49080	
l .	

I hereby certify that this paper (along with an Service on the date shown below with sufficie Box 1450, Alexandria, VA 22313-1450.	y paper referred to as being ent postage as First Class N	attached or enclosed) is being deposited with the U.S. Postal fail, in an envelope addressed to: Commissioner for Patents, P.O.
Dated:	Signature:	(David A. Gass)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

#### FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

I hereby claim priority benefits under Title 35, United States Code §119(e), of any Uni	ited
States provisional patent application(s) listed below:	

no such U.S. provisional applications have been filed.

x such U.S. provisional application have been filed as follows:

Application Number Date of Filing (dd/mm/yyyy)		Priority Claimed Under 35 USC 119
60/219,795	July 19, 2000	x Yes No
60/275,251	March 12, 2001	x Yes No

# CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

no	such	U.S.	/PCT	applications	have	been	filed.
				approductions	114 10	OCCII	mou.

x such U.S./PCT application have been filed as follows:

Application Number	Date of Filing
09/908,943	July 19, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

#### DECLARATION AND POWER OF ATTORNEY

Full name of sole or first inventor Riqiang Yan Sole or first inventor's signature Date Residence Pepper Pike, Ohio Citizenship US Mailing Address 3450 Courtland Road Pepper Pike, Ohio 44122 Full name of second inventor, if any Alfredo G. Tomasselli Second inventor's signature Date Residence Wildwood, Missouri Citizenship US Mailing Address 1540 Garden Valley Drive Wildwood, Missouri 63038 Full name of third inventor, if any Mark E. Gurney Third inventor's signature Date Residence Grand Rapids, Michigan Citizenship US Mailing Address 910 Rosewood Avenue SE Grand Rapids, Michigan 49506 Full name of fourth inventor, if any Thomas L. Emmons Fourth inventor's signature Date Residence Wentzville, Missouri Citizenship US Mailing Address 2260 Autumn Trace Parkway Wentzville, Missouri 63385

Full name of fifth inventor, if any	
Michael Jerome Bienkowski	
Presidence	Date 2/11/2008
Residence	•
Ballwin, Missouri	
Citizenship US	
Mailing Address	
1125 New Ballwin Oaks Drive	
Ballwin, Missouri 63021	
Full name of sixth inventor, if any	
Robert L. Heinrikson	
Sixth inventor's signature	Date
Residence	
Plainwell, Michigan	
Citizenship US	
Mailing Address	
81 South Lake Doster Drive	
Plainwell, Michigan 49080	

I hereby certify that this paper (along with a Service on the date shown below with suffi Box 1450, Alexandria, VA 22313-1450.	any paper referred to as bei icient postage as First Class	ng attached or enclosed) is being deposited with the U.S. Postal Mail, in an envelope addressed to: Commissioner for Patents, P.O.
Dated:	Signature:	(David A. Gass)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

### FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

	laim priority benefits unde visional patent application		Code §119(e), of any United
no s	uch U.S. provisional appli	cations have been filed.	
x such	U.S. provisional applicati	on have been filed as fo	llows:
	Application Number	Date of Filing (dd/mm/yyyy)	Priority Claimed Under 35 USC 119
			V No

Application Number	(dd/mm/yyyy)	Under 35 USC 119
60/219,795	July 19, 2000	_x Yes No
60/275,251	March 12, 2001	_x Yes No

### CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

application and the national or PCT international filing date of this application:	
no such U.S./PCT applications have been filed.	
x such U.S./PCT application have been filed as follows:	

Application Number	Date of Filing
09/908,943	July 19, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Full name of sole or first inventor		
Riqiang Yan	-	
Sole or first inventor's signature	Date	
Residence		
Pepper Pike, Ohio		
Citizenship US		
Mailing Address		
3450 Courtland Road		
Pepper Pike, Ohio 44122		
Full name of second inventor, if any		
Alfredo G. Tomasselli		
Second inventor's signature	Date	
<u> </u>		
Residence		
Wildwood, Missouri		
Citizenship US		
Mailing Address		
4510 0 1 27 7 7 7		
1540 Garden Valley Drive		
Wildwood, Missouri 63038		
Full name of third inventor, if any		
Mark E. Gurney		
Third inventor's signature	Date	
Residence		
Grand Rapids, Michigan		
Citizenship US		
Mailing Address		
010 Decovered Assessed CE		
910 Rosewood Avenue SE Grand Rapids, Michigan 49506		
Grand Kapido, Michigan 47500		
Full name of fourth inventor, if any		
Thomas L. Emmons		
Fourth inventor's signature	Date	
Residence		
Wentzville, Missouri		
Citizenship US		
1		
Mailing Address		
2260 Autumn Trace Parkway		

Full name of fifth inventor, if any	
Michael Jerome Bienkowski	
Fifth inventor's signature	Date
Residence	
Ballwin, Missouri	
Citizenship US	
Mailing Address	
1105 N	
1125 New Ballwin Oaks Drive	
Ballwin, Missouri 63021	
[F.II]	
Full name of sixth inventor, if any	
Robert L. Heinrikson	Date /
Sixth inventor's signature	Date / 2 / 2/7 / 0.77
Residence Thy Museum	12/21/01
1/	(
Plainwell, Michigan	
Citizenship US	
Mailing Address	
81 South Lake Doster Drive	
Plainwell, Michigan 49080	
rianiwen, mienigan 49000	